FRIDIAM Absent Longwigh, SHEVCHENKO, Luka Andreyevich; SHTEYN, M., redaktor;

ZMIY, V., tekhnicheskiy redaktor

[New techniques in pipe drawing practices of the Lenin pipe rolling plant] Novoe v volochenii trub; is opyta raboty Truboprokatnogo ordena Lenina savoda im. Lenina. [Dnepropetrovsk] Dnepropetrovske obl.ind.vo. 1956. 36 p.

(NIRA 10:9)

(Drawing (Metalwork)) (Pipe, Steel)

PHASE I BOOK EXPLOITATION

767

Fridland, Abram Ionovich, and Shevchenko, Luka Andreyevich

Peredovoy opyt organizatsii truda v turbovolochil'nom proizvodstve (Modern Practice in Work Organization of Pipe-drawing Mills) Khar'kov, Metallurgizdat, 1957. 93 p. 1,500 copies printed.

Resp. Ed.: Nikolayevskiy, Yu. I.; Tech. Ed.: Andreyev, S. P.

PURPOSE: The booklet is intended for workers in pipe-drawing production.

COVERAGE: The booklet deals with progressive work methods developed at the Dnepropetrovsk pipe mill imeni Lenin designed to improve production and labor productivity in pipe drawing. Various organizational and technological schemes and measures are discussed. Ways of analyzing, generalizing, and making available to the industry the progressive work methods developed by forge hammer and bench operators in the process of production are presented. No personalities are mentioned. There are no references.

Card 1/3

767
3 5 10 17 19 25 28 36 40 46 50 64 67 71

FRIDEAND, Abram Ionovich; NIKOLAYEVSKIY, Yu.I., otv.red.; BELINA, R.A., red.izd-va; ANDREYEV, S.P., tekhn.red.

[Ways of reducing waste in the steel pipe industry] Puti ekonomii metalla v proizvodstve stal'nykh trub. Khar'kov, Gos.nsuchno-tekhn. izd-vo lit-ry po chernoi i tavetnoi metallurgii, 1960. 106 p.
(Pipe, Steel) (MIRA 13:10)

Rolling pipe thread. Standartizatelia 27 no.9:14-16 S '63.

(MIRA 16:10)

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AUTHORS: Fridland A.I. and Markevich V.M. SOV/133-58-12-19/19

TITLE: Operation of Tube Welding Furnaces Fired with Natural Gas (Rabota trubosvarochnykh pechey na prirodnom gaze)

PERIODICAL: Stal', 1958, Nr 12, pp 1142-1144 (USSR)

ABSTRACT: A description of the tube welding furnaces at the works below is given (Figs 1-3). The firing of furnaces was transferred from oil to natural gas (methane) using a two stage burner (Fig 2). Neither air nor gas are preheated. It was found that natural gas can replace oil in tube welding furnace heating metal to 1330 - 1360°C without application of the carburisation of flame with oil, providing a long luminous flame is maintained. With the transfer to natural gas firing the output of

Card 1/2

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Operation of Tube Welding Furnaces Fired with Natural Gas
the mills increased by 5% but the specific consumption
of fuel increased by 15,200.

the mills increased by 5% but the specific consumption of fuel increased by 15-18%. This problem should be further investigated.

There are 3 figures.

ASSOCIATION: Dnepropetrovskiy truboprokatnyy zavod im. Lenina (Dnepropetrovsk Tube Works imeni Lenin)

Card 2/2

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FRIDIAND, B.G., inchener, redaktor; TIKHONOV, A.Ya., tekhnicheskiy redaktor.

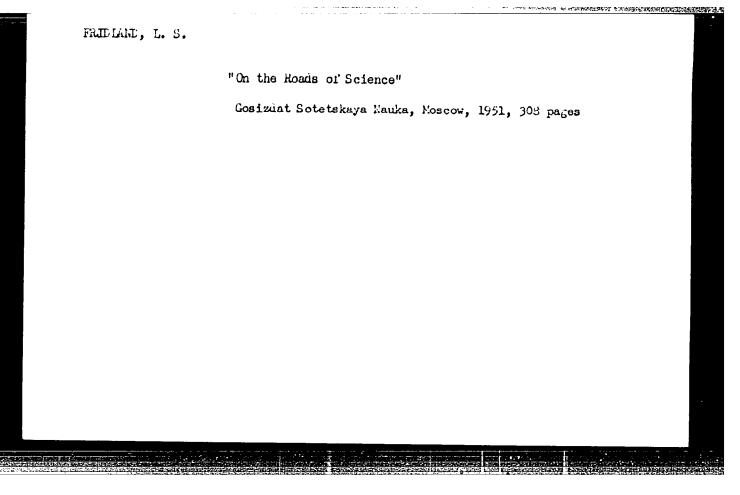
[Blocking crane trolley wires; work practices of the Ordzhonikidze, Staro-Kramatorsk plant.] Blokirovka kranovykh trolleinykh provodov; iz opyta Staro-Kramatorskogo zavoda imeni Ordzhonikidze. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. litry, 1954. 14 p. (MIRA 8:3)

1. Moscow. Vsesoyusnyy proektno-tekhnologicheskiy institut. (Electric cranes)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513710016-7"

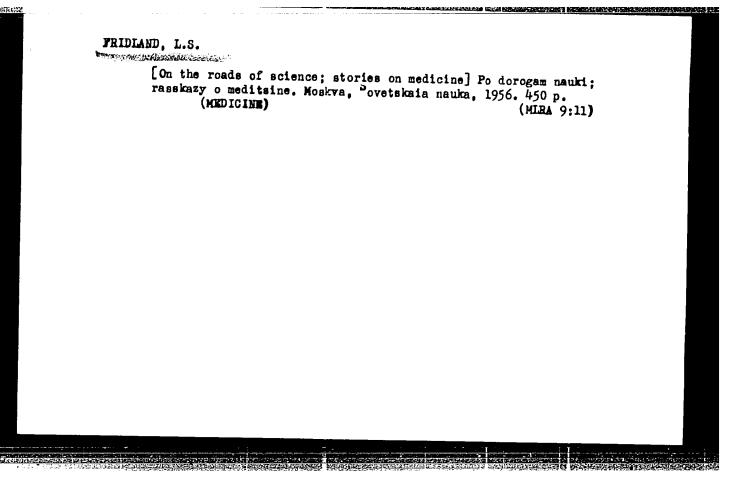
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# FRIDIAND, Lev Semenovich. [Important discoveries; stories about medicine] Bol'shie nakhodki; rasskasy o meditsine. Moskva [etc.] Detgis, 1951. 180 p. (MEA 6:8) (Medical research)



TRIDIAND. Lev Semenovich; MILENUSHKIN, Yu.I., redaktor; GUBER, A., tekhnicheskiy redaktor

[Along the roads of science; stories about medicine] Po dorogam nauki; rasskasy o meditsine. Isd. 2., ispr. i dop. Moskva, Gos. isd-vo "Sovetskaia nauka," 1954. 454 p. (MLRA 7:10) (Medicine—History) (Medical research)



FRIDLAND, Lev Semenovich

The Achievement of Soviet medicine. Edited by W. Horsley Gantt. New York, Twayne Publishers, 1961.
352 p.
Translated from the original Russian: Po dorogam nauki; rasskazy o meditsine, Moscow, 1951.

FRIDIAND, M.A., zasluzhennyy deyatel' nauki, prof.; MOROZOVA, Ye.M., kand. med. nauk; POPOV, B.P., zasluzhennyy deyatel' nauki, prof. (Moskva); AL'; Ye.E.; GONCHAROVA, Ye.Ya., doktor med. nauk (Khar'key).

Reviews and bibliography. Ortop., travm. i protez. 26 no. 10: 82-86 0 '65. (MIRA 18:12)

FRIDLAND, M.I., kand. tekhn.nauk

Effect of pressure on the operating efficiency and entrainment of particles in fluid-bed reactors. Khim.mashinostr. no.3: 22-25 My-Je '63. (MIRA 16:11)

Wodeling the process of the entrainment of particles from a fluidised bed. Ehim. madic, po.5:18-21 S-0 '60. (MIRA 13:9)

(Fluidisation)

FRIDLAND, M.I.; SKOBLO, A.I.

Mechanical entrainment of particles by a gas in apparatus containing a fluidized bed. Trudy MINKHiGP no.28:93-101 '60. [MIRA 14'4) (Fluidization)

Control some manufactures productions and the second

FRIDLAND, M.I.; SKOBLO, A.I.

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Study of the process of particle entrainment from a fluidized bed. Izv. vys. ucheb. zav.; neft' i gaz 3 no.1:71-78 '60. (MIRA 14:10)

L. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti im. akad. I.M. Gubkina. (Petroleum—Refining)

FRIDLAND, M.I., SKOBLO, A.I.

Falling of particles through a grid tray. Izv. vys. ucheb. zav.; neft' i gaz 3 no.9:97-101 '60. (MIRA 14:4)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti. (Gas flow) (Plate towers)

FRIDLAND, M.I.; RAZUMOV, I.M.; SKOBLO, A.I.

Calculation of the amount of particles entrained by a gas in an apparatus with a fluidized bed. Khim.i tekh. topl.i masel 6 no.2: 36-38 F '61. (MIRA 14:1)

1. Moskovskiy institut neftekhimicheskoi i gazovoi promyshlennosti im.akad.Gubkina i Giproneftemash. (Fluidisation)

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AUTHORS: Fridland, M. I., Sechenov, G. P., Al'tshuler, V. S.

TITLE: An investigation into the influence of pressure on the carryover of fine particles from "pseudoliquid" layer systems

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 15, 1962, 317 - 318, abstract 15182 (Tr. In-ta goryuchikh iskopayemykh. AN SSSR, v. 16, 1961, 204 - 210)

TEXT: The investigation was conducted at the IGI installation of the AS USSR, using its reaction vessel 500 mm high and of 40 mm inside diameter, made of organic glass and designed to operate at a pressure of up to 20 atm without heating. The torch-type distribution lattice had a free cross-section of 5.2%. A microspherical alumosilicate catalyst with a true specific gravity of 1.879-2.35 g/cm<sup>3</sup> and a particle size of 24-1000 gwas used as solid phase. Nitrogen at a flow rate of 10-210 nl/min. who used as pseudofluidizing gas. It was established that at a constant degree of expansion of the pseudofluidid layer, and with other conditions constant, an increase of pressure results in a substantial reduction in carryover; also Card 1/2

An investigation into ...

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that this substantially increases the ratio of volume flow of gas to magnitude of particle carryover, which in turn makes it possible to increase substantially the specific intensity of systems with a pseudoliquid layer. The favourable effect of an increase in pressure upon pseudoliquidation conditions was confirmed. [Abstracter's note: Complete translation.]

Card 2/2

FRIDLAND, M.I., inzh.

Perforated baffles for reducing the entrainment of particles by gas in fluidized-bed reactors. Khim.mash. no.4:9-10 Jl-Ag '62.

(Fluidization)

### FRIDLAND, M.I.

Fractional composition of particles entrained from a fluidized bed. Khim.i tekh.topl.i masel 7 no.7:53-57 Jl '62.

(MIRA 15:9)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti im. akad. Gubkina.

(Fluidization)

FRIDIAND, M.I.

Methods and equipment for reducing and controlling correctors gas particles in apparatus with a fluidized bed. Nefteper. i neftekhim. no.7447-50 \*\*63 (MIRA IT:7)

1. Vsesoyuznyyy nauchno-isaledovatel takiy institut gosuiarst-vennoy patentnoy ekspertizy.

FRIDLAND, M.I., kand.tekhn.nauk

Concentration of particles in fluidized bed apparatus in pneumatic conveying systems. Khim. i neft. mashinostr. no.9:23-25 S 165.

(MIRA 18:10)

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Grinder for hard abrasive materials. Ratsionaliz 22 '64	satsiia 14 no.6;
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FRIDIAN	D, Mikhail	Osipovich				
	*Purulent	Osteomyelitis;	Hematogenic and	Gunshét," H	loscow, Medgis,	1946
					an and an	

Fridland, M.O. "Slinic and treatment of chronic osteomyelitis caused by cullet Mounds," Trudy MAY Vsesoyuz. styczda khirurgov. Moccow, 1946, p/ 315-21
So: U-3264, 10 April 1953, (Letopis 'Zhurnal 'nykh Statey, Yo. 3, 1949)

FRIDLAND, M. O.

"Control of Industrial Injuries in Moscow," Sov. med., No.2, 1948
Honored Worker of Science

FRIDIAND, M. O.

"Erroneous Treatment and Complications in Healed Compound Fractures," Sov. med.,
No.6, 1948

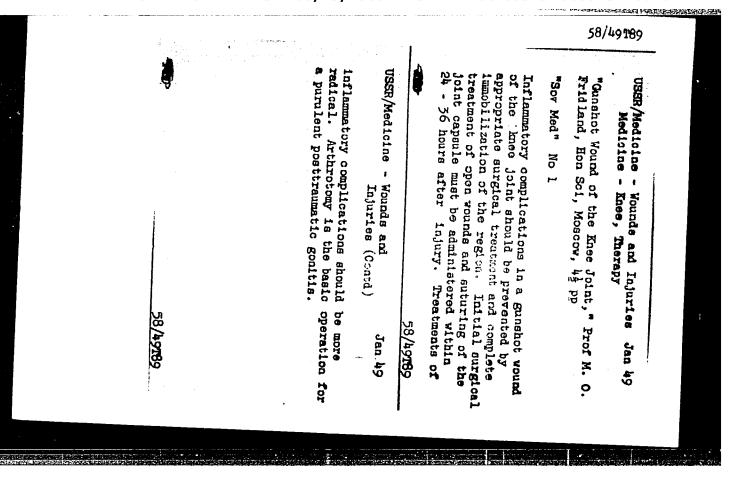
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FRIDLAND, M. O. Prof, Hon. Worker of Science, Moscow

25950 Fridland, M. O. Ognestrel'nyye raneniya plechevogo sustava. Gov. meditsina, 1948, No. 7, s. 36-38

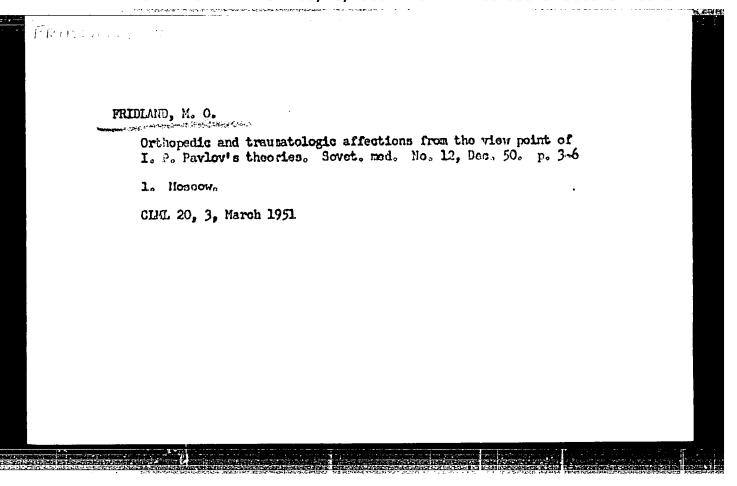
SO: Letopis! Zhurnal Statey, No. 30, Moscow, 1948.

Sunshot Wound of the Acromioclavicular Joint



FRIDLAND, M. O. - "Intra-bone setting with metal pin in nongrowing fractures and catectomy," Trudy Tsentr. nauch.-issled. in-ta protezirovaniya i protezestroyeniya, symposium 3, 194), p. 11-32

30: U-4,355, 14. August 53, (Letopis 'Zhurnal 'nykh Statey, No. 15, 1949)



Alcohol-novoccain block as a method of therapy of pain and neuro-muscular hypertension. Khirurgiia, Moskva no. 8:27-32 Aug 1952.

(GIML 23:3)

1. Honored Worker in Science, Professor.

FRIDLAND, Mikhail Osipovich

[Orthopedics] Ortopedia. 5 izd., ispr. i perer. Moskva, Medgiz, 1954. 507 p. (MIRA 8:2) (Orthopedia)

Table of contents and summery - D 230007, 16 May 15

FRIDLAND, M.O., professor, zasluzhennyy deyatel' nauki (Moscow).

Pain in the sacro-lumbar region in diseases of the musculoskeletal system. Sov.med.18 no.3:3-8 Mr '54. (MLRA 7:2)

(Muscles--Diseases) (Bones--Diseases)

FRIDLAND, M.O., saslushennyy deyatel' nauki, professor (Moskva)

Lumbosacral pain in diseases of the nervous system and internal organs. Sov.sed. 18 no.6:22-26 Je '54. (MERA 7:6)

(MERVOUS SYSTEM, diseases

\*causing lumbosacral pain)

(BACKACHE, etiol. and pathogen.

\*dis. of nervous system & internal organs)

FRIDLAND, M.O., professor.

Flastic variations in the longitudinal arch of the foot under various conditions of functional stress. Ortop.travm.protes.

Moskva no.1:70-43 Ja-Fe 155.

(FOOT, physiology, eff. of funct. on electicity of arch)

FRIDLAND, M.O., professor, zasluzhennyy deyatel nauki.

"Exercise therapy in traumatology." E.F.Dreving. Reviewed by
M.O.Fridland, Ortop.travm. i protez. no.3:72-74 My-Je '55.

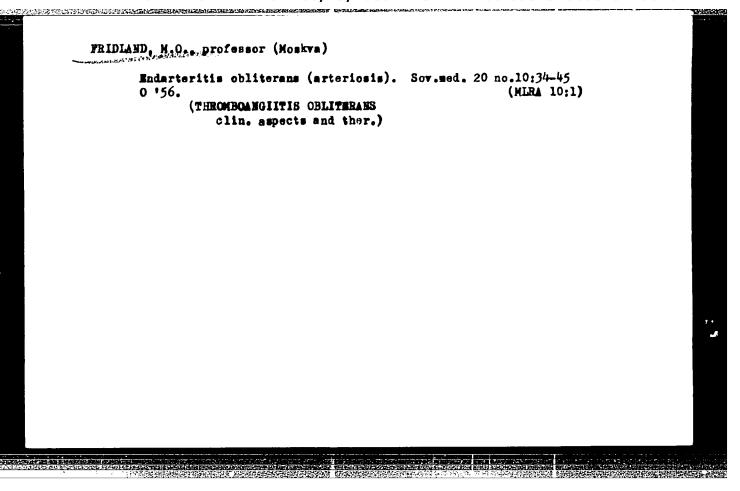
(EXERCISE) (WOUNDS-TREATMENT)

(DREVING, E.F.)

On the subject of arthrosis. Khirurgiia no.6:25-30 Je '55.

(JOINTS, dis. (MLRA 8:10)

etio. pathol. & ther.)



FRIDIAND, M.O., maslumhennyy deyatel' nauki, professor (Moskva)

Soviet medical abstracts: Surgery, no.22, 1955. Reviewed by M.O.
Fridland. Ortop., travm. i protem. 17 mo.2:70-71 Mr-Ap '56.

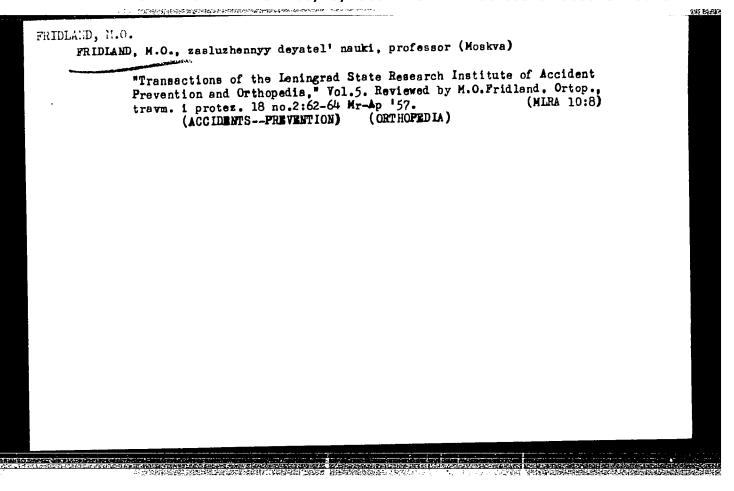
(OHTHOFEDIA)

(MIRA 9:12)

FRIDIAND, M.O., Prof. -- Hoskva

Arthroses and their treatment. Khirurgiia, Sofia 10 no.7:577-583 1957.

1. Zasluzhil deiatel na naukite na RSFSR. (JOINTS, dis. ther. (Bul))



FIDLAND, M.O., prof. zaslyzhennyy deyatel' nauki.

Functional equalization of leg. length in cases of faulty position of the ankylosed hip joint. Ortop.travm. i protez.
19 no.5:91 S-0 '58
(EXTREMITIES, LOWER-SURGERY)

(EXTREMITIES, LOWER-SURGERY)

\*Orthopedic treatment of spastic paralysis\* by M.I. Kuslik. Reviewed by M.O. Fridland. Sov. med. 22 no.12:139 D \*58. (MIRA 12:1) (PARALYSIS, SPASTIC) (KUSLIK, M.I.)

"Solected works" by G.I.Turner. Reviewed by M.O.Fridland.
Ortop., travm. i protez. 20 no.5:62-65 My '59. (MIRA 12:9)
(ORTHOPEDICS)

(TURNER, G.I.)

FRIDLAND, M.O.; TVERDYNIN, M.S.

Role of osteoarthrosis in the development of hailux valgue.
Ortop.travm.1 protez. 21 no.6:16-20 Je '60. (MIRA 13:12)
(TOES—ABNORMITIES AND DEFORMITES) (ARTHRITIS)

FRIDLAND, M.O., zasluzhennyy deyatel' nauki, prof.; TVERDYNIN, M.S.; GOLONZKO, R.R.

On the problem of a chondroblastoma. Ortop. travm. i protez, 21 no. 7:61-65 J1 '60. (MIRA 13:10)

1. Iz otdeleniya travmatologii i ortopedii (zav. - prof. M.O. Fridland), patologicheskoy anatomii (zav. - M.S. Tverdynin) i rentgenologii (zav. - R.R. Golonzko) Moskovskoy gorodskoy bol'nitsy No. 54.

(HUMERUS-TUMORS)

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FRIDLAND, M.O., prof., zasluzhennyy deyatel' nauki

Static deformity of the foot in adults and children. Ortop., travm. i protez. 21 no.8:3-9 Ag '60. (MIRA 13:11)

1. Iz travmatologicheskogo otdeleniya (zaveduyushchiy - prof. M.C. Fridland) Moskovskoy klinicheskoy bol'nitsy No.6 (glavnyy vrach). N.S.Shevyakov).

(FOOT\_ABNORMITIES AND DEFORMITIES)

FRIDLAND, M.O., zasluzhennyy deyatel' nauki, prof.; KONYUSHEVSKIY, L.N.

Differentiation of intra- and extra-articular fractures of the upper end of the femur. Ortop., travm.i protez. no.212-28 '62. (MRA 15:3)

1. Iz travmatologicheskogo otdeleniya (zav. - prof. M.O. Fridland) Moskovskoy gorodskoy klinicheskoy bol'nitsy No.6 (glavnyy vrach - N.S. Shevyakoy).

(FEMUR-FRACTURE)

AR'YEV, T.Ya., prof. (Leningrad); BARCHIN, I.S., prof. (Leningrad);
VAYNSHTEYN, V.G., prof. (Leningrad); GORODETSKIY, Ye.M.,
kand. med. nauk (Moskva); GRATSIANSKIY, V.P., prof.
(Leningrad); KORNEV, P.G., prof. (Leningrad); KAPLAN, A.V., prof.
(Moskva); LEVIT, V.S., zasl. deyatel' nauki, prof. [deceased];
PSHENICHNIKOV, V.I., prof. (Moskva); RUFANOV, I.G., prof.
(Moskva); SITENKO, V.M., prof. (Leningrad); SMIRNOV, Ye.V., prof.
(Leningrad); FRIDLAND, M.O., zasl. deyatel' nauki, prof. (Moskva);
SHEYNIS, V.N., doktor med. nauk, (Leningrad); SHLAPOBERSKIY,
V.Ya., prof. (Moskva); VISHNEVSKIY, A.A., prof., red.; GOL'DGAMMER,
K.K., red.; BEL'CHIKOVA, Yu.S., tekhn. red.

[Specialized surgery] Chastnaia khirurgiia; rukovodstvo dlia vrachei v trekh tomakh. Pod red. A.A. Wishnevskogo i V.S. Levita. Moskva, Medgiz. Vol.3. [The extremities] Konechnosti. 1963. 670 p. (MIRA 16:5)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Kornev, Rufanov).

(EXTREMITIES (ANATOMY))--SURGERY)

FRIDIAND, M.O., zasluzhennyy deyatel' nauki, prof. (Moskva, V-71, Leninskiy prospekt, d.23, kv.8)

Characteristics of the clinical course of fractures in aged persons. Ortop., travm. i protez. 25 no.6:9-16 Je 164.

(MIRA 18:3)

1. Iz travmatologicheskogo otdeleniya (zav. - prof. M.O. Fridland) Moskovskoy gorodskoy klinicheskoy bol'nitsy No.6 (glavnyy vrach - N.S. Shevyakov).

FRIDLAND, S.

Turkestano-Sibirskaia zheleznaia doroga i razvitie promyshlennosti Sibkraia. /The Turkestan-Siberian railway and the industrial development in Siberian territory/. (Planovoe khoz-vo, 1928, no. 3, p. 278-284). DLC: HC331.P52

SO: SOVIET TRANSPORTATION AND COMMUNICATIONS, A Bibliography, Library of Congress Reference Department, Washington, 1952, Unclassified.

ACCESSION NR: AP4037235

S/0153/64/007/001/0132/0136

AUTHOR: Voskresenskiy, V. A.; Fridland, S. V.; Orlova, Ye. M.; By\*l'yev, V. A.

TITIE: Several means of increasing the stability of plasticized systems.

SOURCE: Ivuz. Khimiya 1 khimicheskaya tekhnologiya, v. 7, no. 1, 1964, 132-136

TOPIC TAGS: plasticized system, plasticized polyvinylchloride, stability, thermal oxidation, stabilization, natural aging, artificial aging, physical mechanical index, high frequency heating, dibutylphthalate, dibutylsebacate, dibutylnitrophthalate, dibutylchlorophthalate, weight loss, swelling, tensile strength, elongation, hardness, plasticizer distribution, compatibility

ABSTRACT: The processes of natural and artificial aging of polyvinyl compositions plasticized with monomeric plasticizers of different chemical structure, and the effect of preceding high frequency heating on the aging process were studied by noting the nature of the change in the physico-mechanical indexes of these compositions. Compositions comprising PF-4 polyvinylchloride resin, 100 parts by weight, plasticizer 64, and calcium stearate 3, were rolled into 2 mm films. Accelerated aging was at 800 under 5 atm. oxygen for 100 hours. In a dibutylphthalate

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plasticized PVC under thermal oxidation, the weight decreased somewhat with time due to the evaporation of plasticizer, the degree of swelling in benzene increased, tensile strength increased and elongation and hardness decreased. Similar results were obtained with dibutylsebacate. After high frequency heating (19.5 megacycles, anode current 0.34-0.40 amps, grid current 200-250 amps, for 2 minutes at a distance of 5-7 mm from sample surface) the plasticized PVC was more stable to thermal oxidative aging (tensile strength increased more and elongation decreased less) due to more uniform distribution of the plasticizer in the polymer. A comparison was made of dibutylphthalate, dibutylnitrophthalate and dibutylchlorophthalate on PVC samples aged for 1 year at -5 to 24C, and 55-75% relative humidity. Dibutylnitrophthalate increases the indexes most (almost doubling the tensile strength and elongation) in comparison to the other two compounds. The changes with time of the properties of the nitro- and chloro-containing plasticizers are much slower than with dibutylphthalate itself. This is attributed especially to the compatibility of the nitro group with the polymer. Orig. art. has: 4 figures.

ASSOCIATION: Kazenskiy inzhenerno-stroitel'ny\*y institut Kafedra khimii (Kazan Construction Engineering Institute, Department of Chemistry)

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L 17731-63 EWP(j)/EPF(c)/EWT(m)/BDS ASD Pc-4/Pr-5 RM/WW ACCESSION NR: AP3004286 S/0079/63/033/007/2146/2149	
AUTHORS: Teivunin, V. S.; Kamay, Gil'm; Fridland, S. V.	
TITLE: Derivatives of Beta-chloroethoxyvinyl phosphonic acid	
SOURCE: Zhurnal obshchey khimii, v. 33, no. 7, 1963, 2146-2149	
TOPIC TAGS: chloroethyl, vinyl, ether, phosphorus pentachloride, phosphonic acid chloride, ester, polymer, phosphonic acid	
ABSTRACT: The reaction of Beta-chloroethoxyvinyl with two moles of phosphorus pentachloride followed by decomposition of the resulting complex with sulfer dioxide gave chloroethoxyvinylphosphonic acid dichloride in 46.5% yield when a catalytic amount of iodine was added in the first step. Eight esters were prepared	
from the acid chloride and alcohols in the presence of pyridine. The dimethyl and diethyl esters were dehydrochlorinated with alkali to esters of vinyloxy-vinylphosphonic acid. The diethyl ester of this acid and the dialkyl ester of thiorochloryvinylphosphonic acid polymerized under the influence of benzoyl perox-	<u> </u>
ide. Orig. art. has: 2 tables.	
ASSOCIATION: none	
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#### "APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513710016-7

11399-67 EWT(m)/ENP(j) RM SOURCE CODE: UR/0079/66/036/008/1424/1430 AUTHOR: Tsivumin, V. S. Fridland, S. V.; Zykova, T. V.; Kamay, G. Kh.
ONG: Kazan Chemicotechnological Instituto im. S. M. Kirov (Kazanskiy khimikotekhnologicheskiy institut) TITLE: Reaction of phosphorus pentachloride with divinyl ethor SOURCE: Zhurnal obshchey khimii v. 36, no. 8, 1966, 1424-1430 TOPIC TAGS: phosphorus chloride, vinyl compound, ester, organic phosphorus compound, MIR spectrum ABSTRACT: 2,2,2-Trichloro-l-oxa-2-phospholene-j-methylene-j was isolated by the reaction of phosphorus pentachloride with divinyl ether, identified by a study of its infrared spectrum and reactions with acetic acid, acetic anhydride, ethyl acetate, and bromine, heating at 160-1650, and a study of the proton magnetic resonance and double nuclear-nuclear resonance spectra. Treatment of the compound synthesized with nucleophilic agents yielded 2-chloro-1-oxa-2-phospholene-3-methylene-5-oxide-2, further reactions of which yielded a series. of derivatives with an exaphospholene ring. The structures of 2-chloro-l-exa-2-phospholene-3-methylene-5-oxide-2 and 2-isobutoxy-1-oxa-2-phospholene-3methylene-5-oxide-2 were studied by the nuclear magnetic resonance and double nuclear-nuclear magnetic resonance methods. The participation of the oxygen atom in the original reaction of PCls with divinyl ether, was confirmed. Orig. art. has: 2 figures and 1 table. [JPRS: 38,970] SUB CODE: 07 / SUBM DATE: 10Jul65 / ORIG REF: 004 / OTH REF: 001 547.37 + 547.3 + 1.2 + 546.185 131 Card 1/1 1h

31802<u>--66</u> ENT(m)/EWP(j) UR/0079/66/036/003/0436/0442 SOURCE CODE: ACC NR: AP6021669 Tsivunin, V. S.; Kamay, G. Kh.; Fridland, S. V. AUTHOR: B ORG: Kazan' Chemicotechnological Institute im. S. M. Kirov (Kazanskiy khimikotokimologicheskiy institut) TITLE: Reaction of cortain chlorides of pentavalent phosphorus with divinyl ether SOURCE: Zhurnal obshchey khimii, v. 36, no. 3, 1966, 436-442 TOPIC TAGS: ether, phosphorus chlorido, intermolecular complex, chemical decomposition, chemical reaction, reaction mechanism ARSTRACT: The reaction of phosphorus pentachloride, ethyltetrachlorophosphorus, and phenyltetrachlorophosphorus with divinyl either was investigated. A complex was formed, which was decomposed with sulfur dioxide or acetic acid. The dichloride of beta-(alpha-chloroethoxy) vinylphosphinic acid and the dichloride of gamma-chlorobutadienephosphinic acid were isolated in substantial amounts from the reaction mass; the dichloride of beta-chlorovinylphosphinic acid and the dichloride of 0-vinylphosphoric acid were isolated in smaller amounts. The possibility of the formation of a cyclic transition complex was hypothesized, and various variations of its stabilisation were proposed. Orig. art. has: 2 tables. [JPRS] SUB CODE: 07 / SURM DATE: 14Apr65 / ORIG REF: 005 / OTH REF: 361 -2 - 37: 546 - 185 - 131 Card 1/145

Atlases

A few words about the school atlas for the 7th and 8th grades. Geog. v skkole
No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513710016-7"

- 1. SHEYNGOL'D, YE. M., Eng. FRIDLAND, V.A.
- 2. USSR (600)
- 4. Machine Tools Maintenance and Repair
- 7. Changing the methods of planning repair periods for equipment. Vest mash No. 1 1953

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

FRIDLAND, VI

25(2)

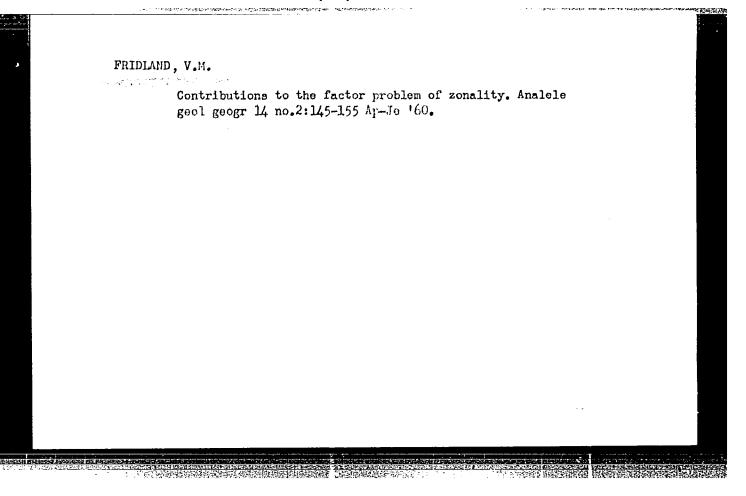
' PHASE I BOOK EXPLOITATION

sov/1289

- . Tsentral'nyy nauchno-issledovatel'skiy institut tekhnologii i mashinostroyeniya
- Vibroizmeritel'naya apparatura TsNIITMASh (Vibration-measuring Instruments of the Central Scientific Research Institut of Technology and Machinery) Moscow, Mashgiz, 1958. 108 p. (Series: Its: Sbornik trudov, kn. 87) 3,000 copies printed.
- Ed.: Matveyev, A.S., Candidate of Technical Sciences; Ed. of Publising House: Akimova, A.G.; Tech. Eds: El'kind, V.D. and Uvarova, A.F.; Managing Ed. for Literature on Machine Building and Instrument Construction (Mashgiz): Pokrovskiy, N.V., Engineer.
- PURPOSE: This book is intended for engineers and technicians at plants and scientific research institutes who are engaged in the development and use of modern equipment for investigation of vibrations by electrical methods.
- COVERAGE: The present collection of articles of the Instrument-making Department of the TsNIITMASh (Tsentral'nyy nauchno-

Card 1/3

Vibration-measuring Instruments  Sov/1289  Sheynman, Ye.M., Engineer. RC-cell for Correction of Phase Characteristics of Vibration-measuring Instruments  Vasil'yeva, R.V., K.R. Tsekhanskiy, and V.I. Fridlysee, Engineers. Horizontal and Vertical Vibration Stands for Calibration  Vasil'yeva, R.V., Engineer. Vibration Stands for Calibration of Vibra-meters and Accelerometers in a Wide Range of Frequencies  Yermolov, I.N., Engineer. Measurement of Moduli of Elasticity of Materials at High Temperatures by Resonance Method	41 45 59 97
AVAILABLE: Library of Congress  Card 3/3  G0/ar 3-23-59	



ZARETSKIY, Ya.S.; RASPOPOVA, L.V.; AVECHKO-ANTONOVICH, L.A.; FRIDLAND, V.M.; KIRPICHNIKOV, P.A.; TAGANTSEV, A.V.

New thickel sealers for the construction industry. Stroi. mat. 10 no.3:8-9 Mr '64. (MIRA 17:6)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513710016-7"

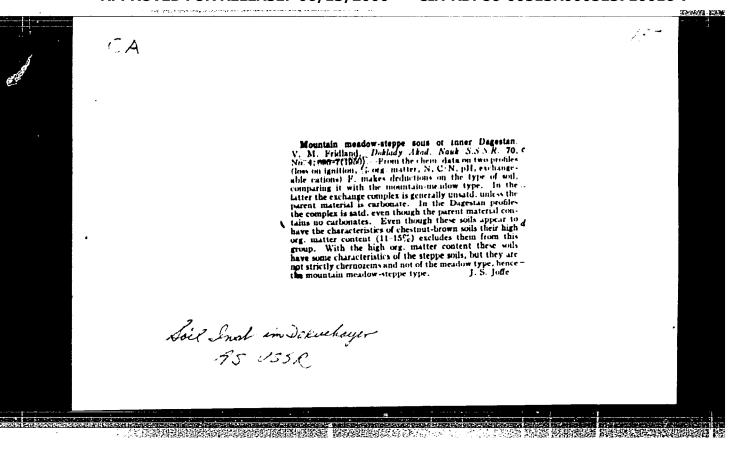
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FRIDLAND, V. M.

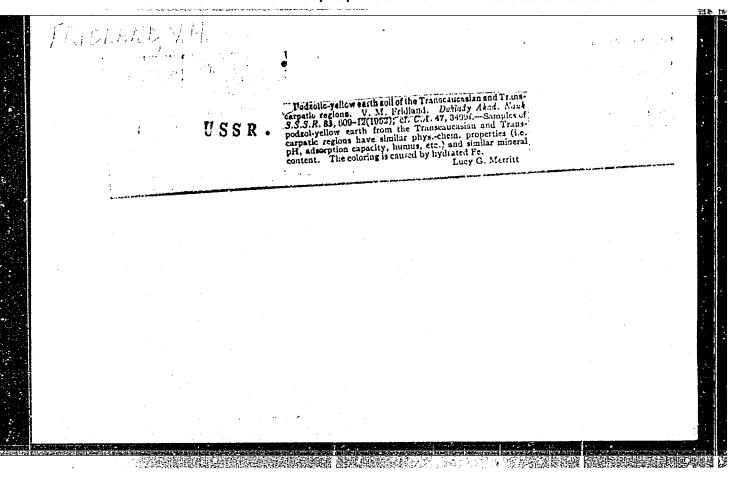
"Experiment for Studying the Vertical Zonality of Soils in the Caucasus Major." Thesis for degree of Cand. Geological - Mineralogical Sci. Sub 27 Apr 49, Soil Inst iment V. V. Dokuchayer, Acad Sci USSR

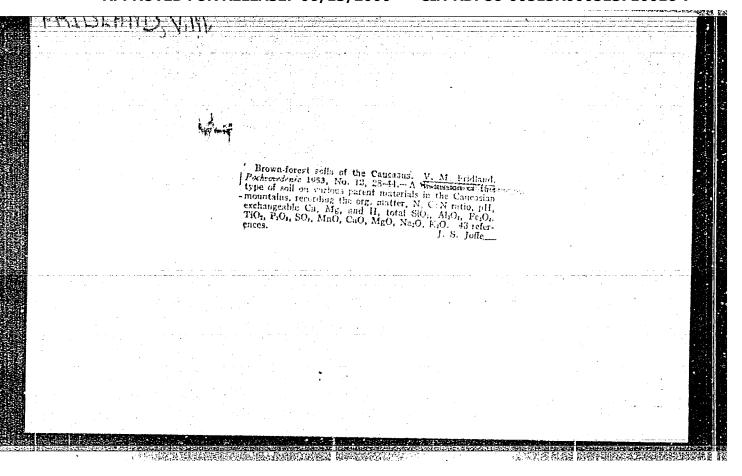
Summery 82, 18 Dec 52, Dissertations Presented for Degrees in Science and Engineering in Moscow in 1949. From Vechernyaya Moskva. Jan-Dec 1949

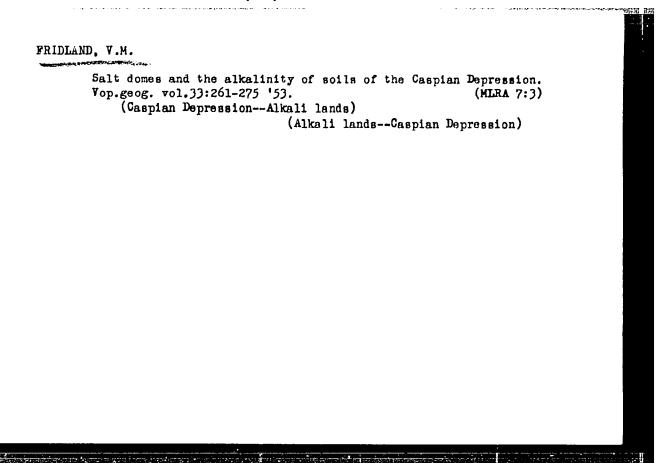


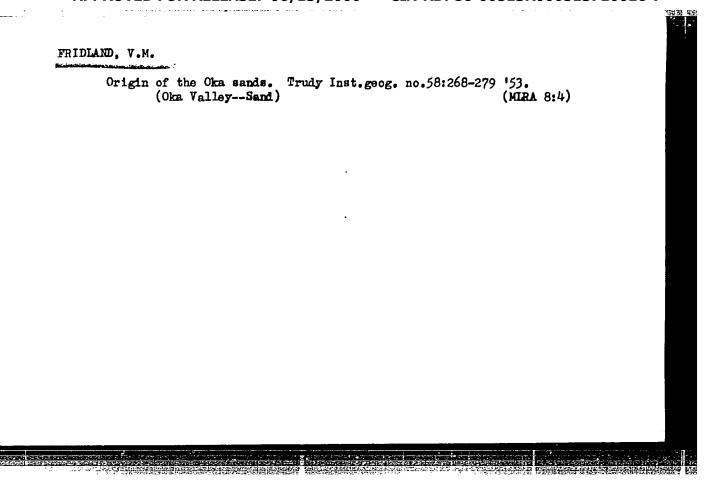
- 1. FRIDLAND, V. M.
- 2. USSR (600)
- 4. Kaigorodov, Aleksei Ivanovich, d. 1951
- 7. Aleksey Ivanovich Kaygorodov. Izv. AN SSSR. Ser.geog. No. 5, 1952.

9. Monthly List of Russian Accessions, Library of Congress, January 1953, Unclassified.









FRIDLAND, V.M., UFINTSEA, K.A., ROZOV, N.N., NOGINA, N.A., YEROKHINA, A.A, MOSIN, V.A. (Cand. Agr. Sci.) and IVANOVA, Ye.N. (Prof., Dr. Agr. Sci.)

"Brief Description of the Soils in the Areas of New Land Reclamation," rublishing in - An Aid to Agricultural Specialists in the Reclamation of Virgin and Fallow Lands, Sbornik Materialov i Statey, Vol. 1, pp 25-144, 1954.

Translation No. 431, 30 Jun 1955.

BOGATYREV, K.P.; VADKOVSKAYA, O.A.; GERASIMOV, I.P.; GERASIMOV, Iv.P.;
YEROKHINA, A.A.; IVANOVA, Ye.N.; LETKOV, L.A.; LIVEROVSKIY, Yu.A.;
LUBOVA, Ye.V.; NOCINA, N.A.; ROZOV, H.M.; RUDNEVA, Ye.H.; TKACHEHKO,
V.I.; UFINTSEVA, K.A.; FRIHLAND, V.M.

Academician L.I.Prasolov; obituary. Izv.AN SSSR Ser.geog. no.2:
73-78 Mr.Ap \*54.

(Prasolov, Leonid Ivenovich, 1875-1954)

USSR/Geography Publications

Card

: 1/1 Pub. 45 - 12/20

Authors

FRIDLAND, V. M.

: Gerasimov, I. P., and Fridland, V. M.

Title

: Critique and bibliography. Book "Soil and Climate"

Periodical

: Izv. AN SSSR. Ser. geog. 4, 83 - 86, July - August 1954

Abstract

: Critical review of the book entitled "Soil and Climate", by V. R.

Volobuev, published by the Acad. of Sc. Azerb-SSR, 1953.

Institution : ....

Submitted

FRIELAND, V.M. USSR/ Scientists - Economics Pub. 45 - 16/16 Card 1/1 Authors Gerasimov, I. P.; Ivanova, E. N.; Larin, I. V.; Nikitin, S. A.; Sozykin, N. K.; and Fridland, V. M. Title \* Memories of I. I. Folimonov Periodical : Izv. AN SSSR. Ser. geog. 6, 108 - 109, Nov - Dec 1954 Abstract In announcing the death on 22nd June 1954 of Ivan Isodorovich Folimonov (1880 - 1954) the life history and work of this economist is recalled. Folimonov is said to have also been an oustanding naturalist well informed in agriculture. He distinguished himself as a research worker, teacher and writer. Institution: Submitted:

FRIDLAND, V.VII.

USSR/Agriculture - Waste land utilization

Card 1/1 : Pub. 86 - 1/40

Authors : Ivanova, E. N., Prof.; and Fridland, V. M.

Title : Reclaiming virgin and fallow lands

Periodical: Priroda 43/4, 3-10, Apr 1954

The need for increasing agricultural production (particularly grain), both for general and industrial use is stressed. It is pointed out that certain lands have fallen into disuse as a result of the war and the poor operation of some collective farms. These are to be brought back into cultivation, along with new lands to be opened up. For the latter, regions in Siberia are indicated, with an analysis of the percentages of arable land and the problem relating to the quality of soil and special local conditions. To get the new lands under culti-

vation young people are to be settled in the respective regions.

Maps.

Institution: ....

Submitted : ....

BUYANOVSKIY, M.S.; DOSKACH, A.G.; FRIDLAND, V.M.; ZAL'TSMAN, L.M., doktor sel'skokhoz'yaystvennykh nauk, redaktor; LARIN, I.V., zasluzhennyy deyatel' nauki, doktor sel'skokhoz'yastvennykh nauk, redaktor; MARKOV, V.Ya., redaktor; ALEKSEYEVA, T.V., tekhnicheskiy redaktor.

[Nature and agriculture of the Volga-Ural interfluve] Priroda i sel'skoe khoziaistvo Volgo-Ural'skogo mezhdurech'ia. Moskva, Izd-vo Akademii nauk SSSR. 1956. 228 p. (MLRA 9:6)

1.Institut geografii Akademii nauk SSSR (for Buyanovskiy, Doskach) 2.Pochvennyy institut imeni V.V.Dokuchayeva Akademii nauk SSSR (for Fridland).

(Caspian Sea region--Geography)

FRIDLING D, V M.

14-57-7-14393

Translation from: Referativnyy zhurnal, Geografiya, 1957, Nr 7,

p 19 (USSR)

AUTHOR:

Fridland, V. M.

TITLE:

Geographical Analogies to the Moist Subtropic Areas of the USSR (Vlazhnyye subtropiki SSSR i ikh geografi-

cheskiye analogi)

PERIODICAL:

V sb: Vopr. geografii. Moscow-Leningrad, AN SSSR, 1956,

pp 383-392

ABSTRACT:

Moist subtropical areas of the USSR consist of two massifs in western trans-Caucasia and in Lenkoran. They owe their characteristics to the Caucasian mountain systems which protect them from cold air masses and also to their littoral position. The larger section of the subtropical region, western trans-Caucasia, is extensively cultivated; here 110 000

hectares are planted in subtropical crops at

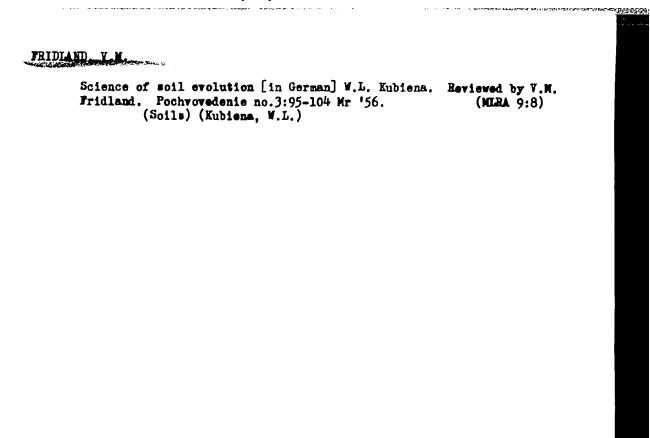
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Geographical Analogies to the Moist Subtropic Areas (Cont.)

াত বাংলা হত বাংলাহাল কথা আলত নাম্বাসকলে প্রকাশকার ক্রান্ত্রালয় আন্তর্ভার স্থানির প্রকাশকার করে বাংলাহাল

present. Similar to the subtropical region of western trans-Caucasia are the subtropical states of North and South Carolina in the United States, the central part of the Paranian plain in South America, the central basin of the Yangtse River, and of its tributaries—the Santszyan and the Gan'tszyan and the southern parts of the islands of Honshul and Kyushu. Greater aridity distinguishes the subtropical areas of Lenkoran' from those of western Transcaucasia. Lenkoran' is similar to South Central France (Lyons), Lombardy, and Istria. The discovery of such geographical analogies will provide farmers with a theoretical basis which will have practical significance for better land utilization and the introduction of new crops. Card 2/2



J

Country: USSR

Category: Soil Science, Sail Genesis and Geography

Abs Jeur: RZhBiol., N. 14, 1958, No 63018

Author : Zonn, S.V., Fridland, V.M.

Inst

Title

: A Soil Excursion Inquiring into the Genesis and

Classification of Soils Undertaken in the German

Democratic Republic in the Spring of 1995

Orig Pub: Pochvovedeniye, 1956, No 9, 105-108

Abstract: The most important feature of soil for ation

in GDR is the intensive decomposition of organic matter; in this connection, leaf deposits of only the current and preceding year are observed in the forests. Therefore, even in pedzal soils the

: 1/2 Card

J-2

Some problems in the soil geography of the plains and low foothills of the Rumanian People's Republic [with French summary in insert].

Pochvovedenie no.10:1-8 0 156. (MIRA 10:1)

1. Akademiya nauk SSSR, Pochvennyy institut imeni V.V. Dokuchayeva. (Rumania--Soils)

#### CIA-RDP86-00513R000513710016-7 "APPROVED FOR RELEASE: 06/13/2000

Category: USSR/General Division. Congresses. Meetings. Conferences.

Abs Jour: Referat Zh.-Biol., No 6, 25 March 1957, 21348

Author: Fridland, V.M.

Inst : not given

: The All-Union Conference of Soil Scientists.

115 Orig Pub: Priroda, 1956, No 6, 112

Abstract: The conference of soil scientists was held from January 28

to February 4, 1956 in Moscow; 700 soil scientists participated, Soviet specialists as well as foreign scientists; 127 reports were read. Communications at plenary meetings were of a general character and were devoted to the problems of agrochemistry and its role in farming, genesis and the soil geography in tropical and subtropical regions, problems of soil fertility, etc. The studies of the conference consisted of 3 sections: genetics, geography, soil classification and soil agricultural districting; soil fertility; and

also soil melioration and hydrology.

: 1/1 Card

20-5-43/54

AUTHOR:

Fridland, V. M.

TITLE:

Podzolization and Illimerization (Opodzolivaniye i illimerizatsiya).

SSSR.

FERIODICAL: Doklady Akademii Nauk 1957, Vol. 115, Nr 5, pp. 1006-1009 (USSR).

ABSTRACT:

The nature of the podzolization process of soil, which is very frequently applied, consists, according to Rode, in the destruction of the upper part of the profile of loam and minerals forming the clay fraction (particles <0,001 mm) and of the transmission of the products of this process of destruction to the lower part of the profile or even beyond its boundaries. The destruction products of loam minerals, which consist mainly of various Si-, Al-, Fe-, Mg-, and K-compounds are not of equal mobility. They are therefore fixed in different horizons of the ground profile and they change the total composition both of entire horizons and also of the clay fraction of which they form a part. As an example a cross section of the humus. illuvial podzol from a height of 2000 m in the Carpathian mountains is selected. (Cross section Mr 20, table 1 and 2). Here an accumulation of silica in the podzolized horizons (0 - 4 and 8 - 13) is found both in the whole as also in the clay fraction contained in it. On the other hand, the author in recent years studied a number of soils in the

Card 1/4

Podzolization and Illimerization.

20-5-43/54

is the percentage of the respective oxide in the ground horizon "x",  $S_0$  - percentage of the same oxide in the soil-forming rock,  $S_1$  - percentage of the same oxide in the clay fraction, b - clay percentage in the soil-forming rock, and a - clay percentage in the horizon "x". The formula with + sign is chosen for the computation of elements with a lower content of clay than that in the soil, and the formula with a - sign is used in the opposite case. The formula can be used only in the case of soils which have been developed on homogeneous rocks and have the same composition of clay in all horizons. If the quantity of silica in such soils in podzolized horizon, calculated according to the above formula, is equal to or somewhat smaller than the analytically determined quantity, the correctness of the assumption upon which it was based, and thus also that of the 3. hypothesis is proved. At the same time the 2. hypothesis is disproved. An example of calculation proved the correctness of the hypothesis of the motion of the unchanged clay through the profile in these soils. A number of other processes in the soils, above all the biological accumulation and weathering render the mentioned scheme considerably more complicated. However, this in no way influences the drawing of the principal conclusions. Besides the destruction of the clay another process takes place in the

Card 3/4

RUMANIA / Soil Science. Gonosis and Goography of Soils.

J-2

Abs Jour

: Rof. Zhur - Biologiya, No 17, 1958, No. 77385

Author

: Fridland, V. M.

Inst T1tlo

: Not givon : Soils of the Rumanian Peoples' Republic and Their Geographic-

Genetic Connections

Orig Pub

: Natura (Romin.), 1957, 9, No 5, 5-13

Abstract

: No abstract givon

Card 1/1

19

USSR/Spil Science - Genesis and 122, 1958, 99966

WSSR/Spil Science - Genesis and 22, 1958, 99966

Fridland, R. 22, 1958, 99966

: Ivanova, Ye.N., Lobova, Ye.V., Nocina, N.A., Fridand, : Ref Zhur Diol., No 22, 1958, 99966

Abs Jour

: Development of the Study of Soil Genesis in the Soviet

Author

**I**iist

Title

: Pochvovedeniye, 1957, No 12, 1-19

oric Pub

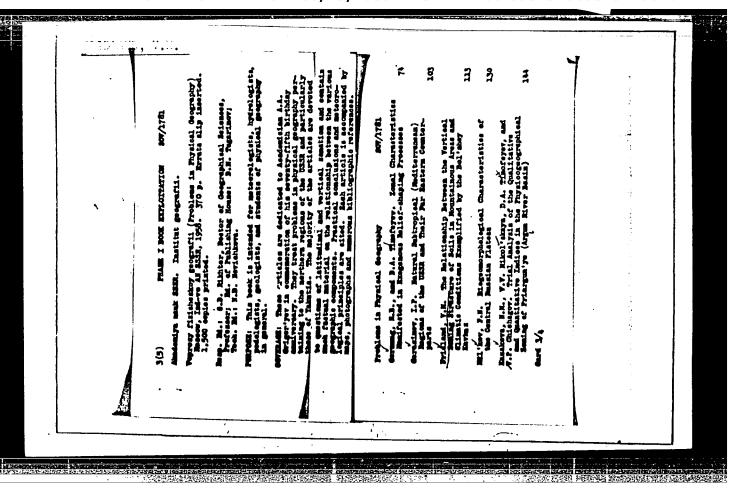
Abstract

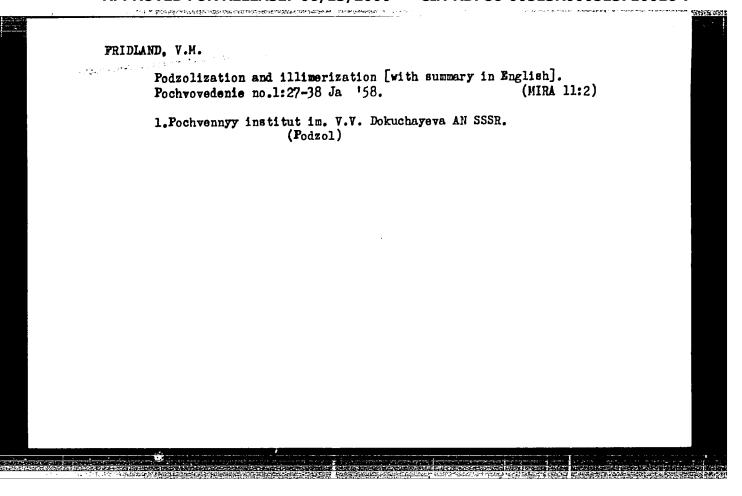
Results of the development of the study of soil Genesis Results of the development of the study of soil Genesis for the past 40 years are submitted. There appeared the Great October Socialist Revolution, and the outstanding accomplishments of K.K. outstanding accomplishments of K.K. Gedroyts on the musuamum accompanients of earl ectance particular the sails, absorbing power, which narked a new period in the development of soil science. Ped:10(3) per Ju in the development of the exact sciences; as a science, takes its place among the exact sciences; as a science, takes its place and the exact sciences; laboratory investigations of the soils' obserbing power and the books for the soils of and concerns and the books for the soils of and concerns an

are the basis for the study of soil Cenesis and of

card 1/3

J





PILLINY YT.

AUTHOR:

Gvozdetskiy, N.A.

S0710-58-4-25/28

TITLE:

An Inter-University Conference on Dividing the USSR into Economic Regions (Mezhvuzovskoye soveshchaniye po rayoni-

rovaniyu)

PERIODICAL:

Izvestiya Akademii nauk SSSR, Seriya geograficheskaya, 1958,

nr 4, pp 146 - 149 (USSR)

ABSTRACT:

From 1 - 5 February 1958, the Ministry of Higher Education and the Moscow State University convened the above-mentioned conference. The purpose was to discuss the results of the first year of planning for this division, and to plan further development. The conference heard the following reports: P.A. Letunov, N.N. Rozov and V.M. Fridland, workers of the SOPS and the Soil Institute of the USSR Academy of Sciences on "The Division of the USSR into Economic Regions According to Soil and Climatic Factors"; S.D Cheremyshkin on the economic evaluation of the land; Professor F.K. Mil'kov on a physical-geographical scheme for an economic division of the central black earth regions; V.K. Zhuchkova on research work done by the Moscow University on an economic division of the black earth regions; Professor V.P. Popov, O.V. Poryvkina and A.I. Lan'ko

Card 1/3

50V-10-53-4-25/28

An Inter-University Conference on Dividing the USER into Economic Regions

on the results of the work done in 1957 on an economic division of the USSR according to physical-geographical considerations; P.S. Kuznetsov, A.Ye. Matissen and Ye.V. Isherskaya (Saratov geographers), B.A. Chazov (Saratov and Perm' University) and Professor G.G. Grigor (Tomsk University) on an economic division of the UNSM according to physical-geographical considerations; M.S. Saneblidze, N.K. Keremov and K. Oganyan on a scheme for an economic division of the Trans-Caucasian Republic; V.D. Bobok and N N Dzens-Litovskaya (Leningrad University), K.G. Raman (Latvian University), V.A. Dement yev (Byelorussian University), A.V. Stupishin (Kazan' University), B.A. Lunin (Kirghiz University) and Yu.A. Usmanov (Bashkir Institute of Agriculture) on the economic division of their respective regions; A.N. Rakitnikova (MGU) on "A Method of Dividing the Country into Agricultural Regions"; I.F. Mukol' on "The Experiment of Dividing the USSR into Agricultural Region"; G.A. Kocharyan on "The Economic and Agricultural Zoning of Armenia"; B.A. Perlin on "The Organization of Leading Agricultural Branches on the Example of Flax Cultivation in the Smolensk Oblast:"; S.I. Savenkov

Card 2/3

SOV-10-58-4-25/28

An Inter-University Conference on Dividing the USSR into Ecomomic Regions

"The Agricultural Zoning of the Lower Volga Region". The preparation of detailed maps was of great importance in this connection. A.A. Zavalishin and A.A. Ehantulev compiled them for the north and north-west part of the European SSSR, O.V. Makeyev, M.A. Korzun and V.G. Zol'nikov for the Irkutsk Oblast' and the Yakutsk ASSR, F.Ya. Gavrilyuk for the Central Caucasian Region, V.R. Volobuyev, B.M. Agayev, R.V. Kovalev and Kh.P. Mirimanyan for Azerbaydzhan and Armenia, A.F. Neganov and V.D. Kucherenko for the Saratov and Orenburg Oblasts' and B.B. Fedorov for the irrigation zones of Central Asia.

1. Social sciences--USSR

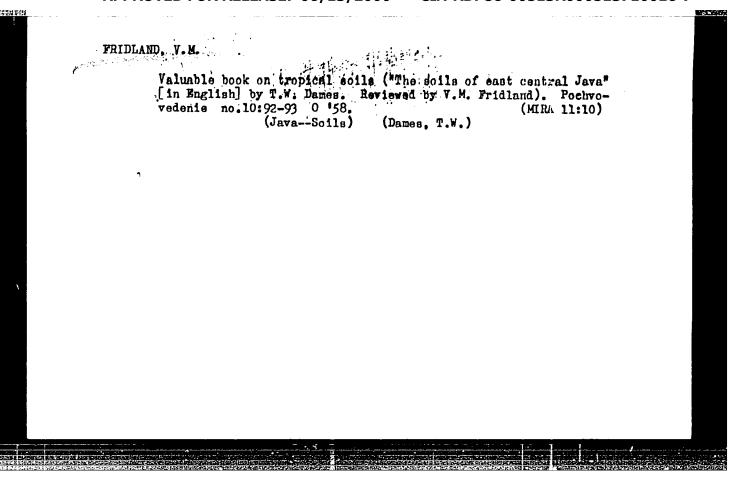
Card 3/3

IVANOVA, Ye.N.; LETUNOV, P.A.; ROZOV, H.H.; FRIDLAHD, V.M.; SHUVALOV, S.A.

Subdividing the territory of the U.S.S.R. into soil zones. Pochvovedenie mo.10:1-11 0 '58.

1. Pochvennyy institut im. V.V. Dokuchayeva AN SSSR i Sovet po izucheniyu proizvoditel'nykh sil AN SSSR.

(Soils--Maps)



AUTHOR:

Fridland, V. M.

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20-119-4-45/60

TITLE:

On the Relation Between the Salt Horizon of Black Soils and Thermic Conditions (O svyazi solevogo profilya

chernozemov s termicheskimi usloviyami)

Doklady Akademii Nauk SSSR, 1958, Vol. 119, Nr 4, PERIODICAL:

pp. 789-791 (USSR)

ABSTRACT:

One of the most important theorems of soil geography is the conclusion concerning the dependence of the depth of salt horizons on the humidity supply from air. This much--discussed rule depends finally on thermic conditions on which, on the whole, the water consumption depends. The development of the theory of a meridional zonal distribution led to the knowledge that the soil changes in north-south direction. Provincial soil groups were separated. Especially it was found that the provincial groups of black soils have to a great extent differing salt horizons. In order to clarify the reasons of this phenomenon, the author compared the depths of the salt

horizons in the case of soils with the same bumidification

Card 1/3

On the Relation between the Salt Horizon of Black Soils and Thermic Conditions

20-119-4-45/60

scavenging long enough. In the western, warmer regions the freezing period of the soil is much shorter thus, the scavenging is more intense This reason is assumed to be responsible also for the enormous thickness of the black soils in the western USSR. The carbonates were excluded from the above considerations. In the east of the USSR the salts are washed out intensively also during the second half of the summer because of the monsoon climate. There are 1 table and 8 Soviet references.

ASSOCIATION:

Pochvennyy institut im. V. V. Dokuchayeva Akademii nauk SSSR (Soil Institute imeni V. V. Dokuchayev AS USSR)

PRESENTED:

September 9, 1957, by I. V. Tyurin, Member, Academy of

Sciences, USSR

SUBMITTED:

September 5, 1957

Card 3/3